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Issue Classification



| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 08/260,536              | LORENCE ET AL.                          |
| Examiner                | Art Unit                                |
| Emily Le                | 1648                                    |

|                  |      |        |        |                   | IS    | SUE C   | LASSIF        | ICATIO | ON                       |       |       |      |  |  |  |  |
|------------------|------|--------|--------|-------------------|-------|---|---------------|--------|--------------------------|-------|-------|------|--|--|--|--|
|                  |      |        | OR     | IGINAL            |       | CROSS REFERENCE(S)                              |               |        |                          |       |       |      |  |  |  |  |
|                  | CLA  | SS     |        | SUBCLASS          | CLASS | SUBCLASS (ONE SUBCLASS PER BLOCK)               |               |        |                          |       |       |      |  |  |  |  |
| 435 7.23         |      |        |        |                   | 435   | 5   | 7.2           |        |                          |       |       |      |  |  |  |  |
| li li            | NTEF | RNAT   | IONA   | L CLASSIFICATION  | 424   | 130.1   | 138.1         | 155.1  | 277.1                    | 281.1 | 184.1 |      |  |  |  |  |
| G                | 0    | 1      | N      | 33/574            | 436   | 64  |               |        |                          |       |       |      |  |  |  |  |
|                  |      |        |        | 1                 |       |   |               |        |                          |       |       |      |  |  |  |  |
|                  |      |        |        | 1                 |       |   |               |        |                          |       |       |      |  |  |  |  |
|                  |      | /      |        |                   |       |   |               |        |                          |       |       |      |  |  |  |  |
|                  |      |        |        | 1                 |       |   |               |        |                          |       |       |      |  |  |  |  |
|                  |      | (As    |        | Emily M. Le \     | 06/06 | Jan   | es ( )        | House  | Total Claims Allowed: 24 |       |       |      |  |  |  |  |
| 1.9.04<br>1.9.04 |      |        |        |                   |       | James Housel 19/06 O.G. O. Print Claim(s) Print |               |        |                          |       |       |      |  |  |  |  |
|                  | γι.è | égal ∣ | nistru | ments Examiner) ( | Date) | (Pri  | mary Examiner | ) (D:  | afe)                     | 1     |       | None |  |  |  |  |

| ☐ Claims renumbered in the same order as presented by applicant |          |   |       |          |     |       |          |   |       |                    |   |       | PA         |   | T.    | .D.        |   | ☐ R.  | 1.47       |
|---|----------|---|-------|----------|-----|-------|----------|---|-------|--------------------|---|-------|------------|---|-------|------------|---|-------|------------|
| Final   | Original |   | Final | Original |     | Final |          |   | Final |                    |   | Final |            |   | Final |            |   |       |            |
| Fi  | Orig     | · | ᄩ     |          |     | ijĒ   | Original |   | ii.   | Original           |   | ij    | · Original |   | Fin   | Original   |   | Final | Original   |
|   |          |   |       | 31       |     |       | 61       | ] |       | 91                 |   |       | 121        |   |       | 151        |   |       | 181        |
|   | 2        |   |       | 32       |     | ļ     | 62       | 1 |       | 92                 |   |       | 122        |   |       | 152        |   | _     | 182        |
|   | 3        |   |       | 33       |     |       | 63       | - |       | 93                 |   |       | 123        |   |       | 153        |   |       | 183        |
|   | 1        |   |       | 34       |     |       | 64       |   | ļ     | 94                 |   |       | 124        |   |       | 154        |   |       | 184        |
|   | 1 5      |   |       | 35       |     |       | 65       |   |       | 95                 |   |       | 125        |   |       | 155        |   |       | 185        |
|   | <b>6</b> | ļ |       | 36       |     |       | 66       | - |       | 96                 |   |       | 126        |   |       | 156        |   |       | 186        |
|   |          |   |       | 37       |     |       | 67       | - |       | 97                 |   |       | 127        |   |       | 157        |   |       | 187        |
|   | 9        |   |       | 38<br>39 | l   |       | 68       | - |       | 98                 |   |       | 128        |   |       | 158        |   |       | 188        |
|   | 1b       |   |       | 40       | -   |       | 69<br>70 | - |       | 99<br>1 <b>0</b> 0 |   |       | 129<br>130 |   |       | 159<br>160 |   |       | 189        |
| -   | 111      |   |       | 41       | 1   |       | 71       | 1 |       | 101                |   |       | 131        |   |       | 161        |   |       | 190<br>191 |
| -   | 12       |   |       | 42       | -   |       | 72       | 1 |       | 102                |   |       | 132        |   |       | 162        |   |       | 192        |
|   | 13       |   |       | 48       |     |       | 73       | 1 |       | 103                |   |       | 133        |   |       | 163        |   |       | 193        |
|   | 14       | { |       | 44       | 1   |       | 74       | 1 |       | 104                | i |       | 134        |   |       | 164        |   |       | 194        |
|   | 15       | 1 |       | 45       | 1   |       | 75       |   |       | 105                |   |       | 135        |   |       | 165        |   |       | 195        |
|   | 16       | 1 |       | 46       |     | l     | 76       |   |       | 1 <b>0</b> 6       |   |       | 136        |   |       | 166        |   |       | 196        |
|   | 17       |   |       | 47       |     |       | 77       | 1 |       | 107                |   |       | 137        |   |       | 167        |   |       | 197        |
|   | 1B       | 1 |       | 48       |     |       | 78       |   |       | 108                |   |       | 138        |   |       | 16B        |   |       | 198        |
|   | 19       |   |       | 49       | 1   |       | 79       | 1 |       | 109                |   |       | 139        |   |       | 169        |   |       | 199        |
|   | 20       |   |       | 50       | 1   |       | 80       | Ī |       | 110                |   |       | 140        |   |       | 17D        |   |       | 200        |
|   | 21       |   |       | 51       | ]   |       | 81       |   |       | 111                |   |       | 141        |   |       | 171        |   |       | 201        |
|   | 22       |   |       | 52       | ]   |       | 82       | ] |       | 112                |   |       | 142        |   |       | 172        |   |       | 202        |
|   | 28       |   |       | 58       | ]   |       | 83       |   |       | 113                |   |       | 143        |   |       | 173        |   |       | 208        |
|   | 24       |   |       | 54       |     |       | 84       | ] |       | 114                |   |       | 144        | [ |       | 174        | j |       | 204        |
|   | 25       | [ |       | 55       |     |       | 85       | ] |       | 115                |   |       | 145        |   |       | 175        |   |       | 205        |
|   | 26       |   |       | 56       | } ; |       | 86       |   |       | 116                |   |       | 146        |   |       | 176        |   |       | 206        |
|   | 27       |   |       | 57       |     |       | 87       |   |       | 117                |   |       | 147        | [ |       | 177        |   |       | 207        |
|   | 28       |   |       | 58       |     |       | 88       |   |       | 118                |   |       | 148        |   |       | 178        |   |       | 208        |
|   | 29       |   |       | 59       |     |       | 89       |   |       | 119                |   |       | 149        |   |       | 179        |   |       | 209        |
|   | 3þ       |   | L     | 60       |     |       | 90 1     |   |       | 120                |   |       | 150        |   |       | 180        |   |       | 210        |

| Issue | Classit | ication |
|-------|---------|---------|
|       |         |         |

| Application/Control No. | Applicant(s)/Patent under Reexamination |
|-------------------------|---|
| 08/260,536              | LORENCE ET AL.                          |
| Examiner                | Art Unit                                |
| Emily Le                | 1648                                    |

|                   |   |        |        |                 | IS     | SUE C              | LASSIF                            | ICATIO | N                        | -                  |       | -   |  |  |  |  |
|-------------------|---|--------|--------|-----------------|--------|--------------------|-----------------------------------|--------|--------------------------|--------------------|-------|-----|--|--|--|--|
|                   |   |        | ORIG   | INAL            |        | CROSS REFERENCE(S) |                                   |        |                          |                    |       |     |  |  |  |  |
| CLASS SUBCLASS CL |   |        |        |                 | CLASS  |                    | SUBCLASS (ONE SUBCLASS PER BLOCK) |        |                          |                    |       |     |  |  |  |  |
| 435 7.23 43       |   |        |        |                 | 435    | 5                  | 7.2                               |        |                          |                    |       |     |  |  |  |  |
| Ī                 | NTER  | RNAT   | ONAL   | CLASSIFICATION  | 424    | 130.1              | 138.1                             | 155.1  | 277.1                    | 281.1              | 184.1 |     |  |  |  |  |
| G                 | 0   | 1      | N      | 33/574          | 436    | 64                 |                                   |        |                          |                    |       |     |  |  |  |  |
|                   |   |        |        | 1               |        |                    |                                   |        |                          |                    |       |     |  |  |  |  |
|                   |   |        |        | 1               |        |                    |                                   |        |                          |                    |       |     |  |  |  |  |
|                   |   |        |        | 1               |        |                    |                                   |        |                          |                    |       |     |  |  |  |  |
|                   |   |        |        | 1               |        |                    |                                   |        |                          |                    |       |     |  |  |  |  |
|                   | Emily M. Le 1/06/05 (Assistant Examiner) (Date) |        |        |                 |        |                    |                                   |        | Total Claims Allowed: 27 |                    |       |     |  |  |  |  |
|                   |   |        |        |                 |        |                    | James                             | Housel | O.<br>Print C            | O.G.<br>Print Fig. |       |     |  |  |  |  |
|                   | (Le   | egal I | nstrum | nents Examiner) | (Date) | (Pri               | mary Examiner                     | ) (Da  | ate)                     | 1                  |       | WWE |  |  |  |  |

| $\square$ | Claims   | renur | nbere | d in th       | e sam | e ord | er as p  | resen | ted by   | appli    | cant | □с              | □ CPA □ T.D. |   |             | □ R.     | 1.47                      |          |
|-----------|----------|-------|-------|---------------|-------|-------|----------|-------|----------|----------|------|-----------------|--------------|---|-------------|----------|---------------------------|----------|
| Final     | Original |       | Final | Original      |       | Final | Original |       | Final    | Original |      | Final           | Original     |   | Final       | Original | Final                     | Original |
|           | 211      |       |       | 241           |       |       | 271      |       |          | 3D1      |      |                 | 331          |   |             | 361      |                           | 391      |
|           | 212      |       |       | 242           |       |       | 272      |       |          | 302      |      | $\bar{I}$       | 332          |   | <b>—</b> /- | 362      | 30                        | 392      |
|           | 213      |       |       | 243           |       |       | 273      |       | ļ        | 303      |      | 2               | 333          |   |             | 363      | څ١                        | 393      |
|           | 214      |       |       | 244           |       |       | 274      |       | <u> </u> | 304      |      | 3               | 334          |   |             | 364      | 33                        | 394      |
|           | 215      |       |       | 245           |       |       | 275      |       |          | 305      |      | 4               | 335          |   | /           | 365      | 23                        | 395      |
|           | 216      |       |       | 246           |       |       | 276      |       | ļ        | 306      |      | 5               | 336          |   |             | 366      | 84                        | 396      |
|           | 217      |       |       | 247           |       |       | 277      |       |          | 307      |      | 6               | 337          |   | 10          | 367      | 35                        | 397      |
|           | 218      |       |       | 248           |       |       | 278      |       |          | 308      |      | 7               | 338          |   | 11          | 368      |                           | 398      |
|           | 219      |       |       | 249           |       |       | 279      |       |          | 309      |      |                 | 339          |   | 12          | 369      | 26,                       | 399      |
|           | 220      |       |       | 250           |       |       | 280      |       |          | 310      |      |                 | 340          |   | 13          | 370      |                           | 400      |
|           | 221      |       |       | 251           |       |       | 281      |       |          | 311      |      |                 | 341          |   | 14          | 371      |                           | 401      |
|           | 222      |       |       | 252           |       |       | 282      |       |          | 312      |      | 8               | 342          |   | ।ऽ          | 372      |                           | 402      |
|           | 223      |       |       | 253           |       |       | 283      |       |          | 313      |      | $\perp \perp I$ | 343          |   | 16          | 373      | 27                        | 403      |
|           | 224      |       |       | 254           |       |       | 284      |       |          | 314      |      | $\perp \perp$   | 344          |   | 17          | 374      |                           | 404      |
|           | 225      |       |       | 2\$5          |       |       | 285      |       |          | 315      |      |                 | 345          |   |             | 375      | $\perp \perp \perp$       | 405      |
|           | 226      |       |       | 256           |       |       | 286      |       |          | 316      |      | $\Box \bot$     | 346          |   |             | 376      |                           | 406      |
|           | 227      |       |       | 257           |       |       | 287      |       |          | 317      |      |                 | 347          |   | $\Box L$    | 377      | $\Box I$                  | 407      |
|           | 228      |       |       | 258           |       |       | 288      |       |          | 318      |      |                 | 348          |   | $\Box L$    | 378      |                           | 408      |
|           | 229      |       |       | 259           |       |       | 289      |       |          | 3 9      |      |                 | 349          |   |             | 379      |                           | 409      |
|           | 230      |       |       | 260           |       |       | 290      |       |          | 320      |      | I               | 350          |   |             | 380      |                           | 410      |
|           | 231      |       |       | 261           |       |       | 291      |       |          | 321      |      |                 | 351          |   | $\Box J$    | 381      |                           | 411      |
|           | 232      |       |       | 262           |       |       | 292      |       |          | 322      |      | 9               | 352          |   |             | 382      |                           | 412      |
|           | 233      |       |       | 263           |       |       | 293      |       |          | 323      |      |                 | 353          |   | I           | 383      |                           | 413      |
|           | 234      |       |       | 264           |       |       | 294      |       |          | 324      |      | $\Box$          | 354          |   | $T^{-}$     | 384      |                           | 414      |
|           | 235      |       |       | 265           |       |       | 295      | ]     |          | 325      |      | $\Box T$        | 355          |   |             | 385      | $\int_{-\infty}^{\infty}$ | 415      |
|           | 236      |       |       | 266           |       |       | 296      | ]     |          | 326      |      |                 | 356          |   | lY          | 386      |                           | 416      |
|           | 237      |       |       | 267           |       |       | 297      |       |          | 327      |      | $\Box$          | 357          | • | 19          | 387      |                           | 417      |
|           | 238      |       |       | 268           |       |       | 298      | }     |          | 328      |      | $\prod$         | 358          |   |             | 388      |                           | 418      |
|           | 239      |       |       | 269           |       |       | 299      |       |          | 329      |      | 1               | 359          |   |             | 389      |                           | 419      |
|           | 240      |       |       | 270           |       |       | 300      |       |          | 330      |      | /               | 360          |   |             | 390      |                           | 420      |
|           | -        |       |       | $\overline{}$ |       |       |          | •     |          |          |      | <del></del>     |              |   | <b>y</b>    |          | <br>                      |          |